Abstract 202tn01.us

Conductive soil-repellent core-sheath fiber of high chemical resistance, its preparation and use

Described is a melt-spun fiber having a core-sheath structure and a high tensile strength whose core contains a synthetic thermoplastic polymer which is not a fluoropolymer and whose sheath contains at least one melt-spinnable fluoropolymer and particles comprising electroconductive material.

The fibers of the invention are useful especially in the form of monofilaments for producing textile fabrics for industrial applications